

ABSTRACT

A liquid crystal display according to the present invention uses an organic layer treated with  $H_2$  plasma before fabricating an inorganic layer on the top of the organic layer. When forming thin film transistors (TFT) used in the LCD, an Indium Tin Oxide layer is fabricated above the TFTs and acts as a pixel electrode. When the organic layer, such as a passivation layer, is treated with the  $H_2$  plasma, an intermediate layer having an O-H bonding structure is formed to enhance bonding or attachment of an inorganic layer, such as an ITO layer, to the organic layer.